

SUBSTITUTE SPECIFICATION

F-8014

Ser. No. 10/699,093

ABSTRACT OF THE DISCLOSURE

A molded motor has a motor frame molded by covering a stator made from a straight core, with a molding resin. The straight core has a stack of laminas each having a plurality of tees projecting from one long side of a belt-shaped back yoke and a V-shaped cut formed between every two adjoining tees along the back yoke and on a side from which the tees project. The straight core has an insulating layer thereon, formed by pre-molding from an insulating resin, excluding at least an inner periphery of each tee. The straight core also has a winding formed about each tee having the insulating layer formed thereon. The stator is formed by bending the straight core at cuts made therein into an arcuate or annular shape, and joining the opposite ends of the back yokes to each other by welding or adhesion.